

In the Boxing Ring OCT 2022



Network Box Technical News

from **Mark Webb-Johnson**

Chief Technology Officer, Network Box

Welcome to the October 2022 edition of In the **Boxing Ring**

This month, we are talking about The Network Box Approach to your Privacy. As more and more organizations are moving from a centralized server-based approach to data to distributed hybrid storage models, we are right to be concerned with the consequences of data security and privacy that this brings. On pages 2 to 3, we talk about this in greater detail and the Network Box approach to ensuring the security of your configurations, maintenance, and private data.

On page 4, we highlight the set of enhancements and fixes to be released in this quarter's Patch Tuesday for Network Box 5 and our cloud services.

In other news, Network Box Taiwan was at CYBERSEC 2022. And in this month's global security headlines, there were security issues with Cisco, Sophos, VMware, Microsoft Teams, Uber, Shangri-la Hotels, and Rockstar Games.



Mark Webb-Johnson
CTO, Network Box Corporation Ltd.
October 2022

In this month's issue:

Page 2 to 3

The Network Box Approach to your Privacy

In our featured article, we are talking about privacy and the Network Box approach to ensuring the security of your configurations, maintenance, and private data.

Page 4

Network Box 5 Features

The features and fixes to be released in this quarter's Patch Tuesday for Network Box 5 and our cloud services.

Page 5

Network Box Highlights:

- **Network Box Taiwan**
 - CYBERSEC 2022
- **Global Security Headlines:**
 - Cisco
 - Sophos
 - VMware
 - Microsoft Teams
 - Uber
 - Shangri-la Hotels
 - Rockstar Games

Stay Connected

You can contact us here at Network Box HQ by email: **nbhq@network-box.com**, or drop by our office next time you are in town. You can also keep in touch with us by several social networks:



<https://twitter.com/networkbox>



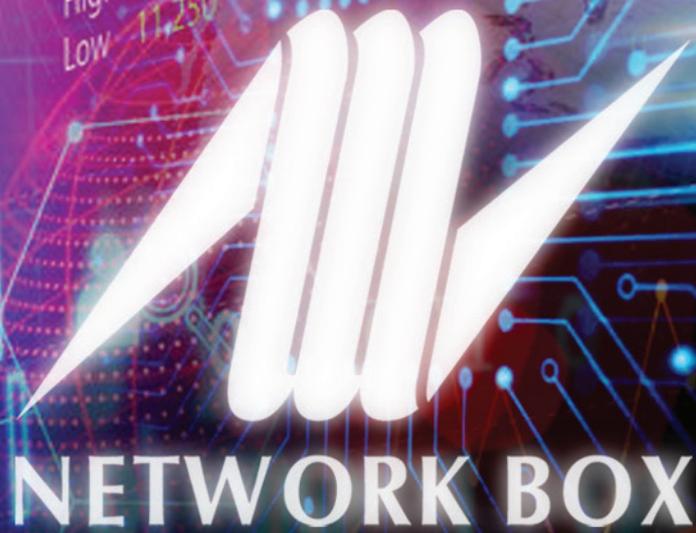
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<https://www.youtube.com/user/NetworkBox>



The Network Box Approach TO YOUR PRIVACY

In this article, we talk about privacy and the Network Box approach to ensuring the security of your configurations, maintenance, and private data.



As we see more and more organizations moving from a centralized server-based approach to data (with data in a small number of big data servers which are accessed via file sharing by workstations), to distributed hybrid storage models (with data in servers which are distributed on workstations, private clouds, and software-as-a-service systems); we are right to be concerned with the consequences to data security and privacy that this brings.

In particular, for software-as-a-service and virtual cloud environments, that very security and privacy becomes less and less under our control, and we become more reliant on external providers and their often unknown and obfuscated security practices. In such environments, we must ensure that our outsourced providers adhere to at least the same security standards and methodologies as we do for our own systems.

For Network Box, and the systems we manage, our approach is as the following:



1. In general, Network Box seeks no more access to your systems and data than your Internet Service Provider. We don't typically require administrative credentials. By being deployed next-in-line to the Internet Router, we can provide effective perimeter protection without additional security concerns. We can operate in conjunction with further security devices for defence in depth if required.
2. Network Box operates as a federated network of cooperating but independent Security Operation Centres. Our customers choose which specific SOC's will have access to maintain their security devices, and firewall controls are automatically implemented to restrict access to those selected centres.
3. Data (emails, network traffic, event logs, etc.) passing through the Network Box device stays on the Network Box device. While SOC staff have secure remote access (for diagnostic and maintenance purposes), this data is not stored outside the Network Box devices themselves.
4. Statistical and summary data that does leave the Network Box device (for example, GMS health metrics, CPU utilization, etc.) is anonymized and/or filtered to comply with standards such as GDPR.
5. Network Box has published verifiable details of the data stored and retrieved from systems under our management.
6. If the customer chooses to utilize Network Box cloud services (such as NBSIEM+, cloud mail backup, etc.), they can select the geographic region from which those services are delivered (to comply with regional regulations).
7. Each regional Network Box Security Operation Centre implements the certification and approvals necessary to operate in their region. Examples of certifications, our SOC's hold include SAS-70, ISO 9001:2015, ISO/IEC 20000-1:2018, ISO/IEC 27001:2013, PCI DSS, and many others.

Network Box believes that transparency and clarity concerning how your data is protected are fundamental to our businesses. Security through obscurity is never a good idea.

Network Box

5

NEXT GENERATION MANAGED SECURITY

On Tuesday, 4th October 2022, Network Box will release our patch Tuesday set of enhancements and fixes. The regional SOC's will be conducting the rollouts of the new functionality in a phased manner over the next 14 days.

Network Box 5 Features October 2022

This quarter, for Network Box 5, these include:

- Support for new version of M-255i box model
- Support for new version of S-95i box model
- License key upgrades
- Renew SSL certificate for User Portal
- Renew SSL certificate for Admin Portal
- New configurable GDPR privacy setting
- Improvements and enhancement for NOC configuration and maintenance

In most cases, the above changes should not impact running services or require a device restart. However, in some cases (depending on configuration), a device restart may be required. Your local SOC will contact you to arrange this if necessary.

Should you need any further information on any of the above, please contact your local SOC. They will be arranging deployment and liaison.

Network Box Cloud Services October 2022

On or before Tuesday, 11th October 2022, Network Box will release our patch Tuesday set of enhancements and fixes for cloud services. This month these include:

- New NBSIEM+ Assets / Assets without Events Report
- New NBSIEM+ Events / Top Submitting Assets Report
- New NBSIEM+ Widget: Assets Total
- New NBSIEM+ Widget: Top Assets
- New NBSIEM+ Widget: Asset Map
- New NBSIEM+ Widget: Top Submitting Assets
- Box configuration review system
- Improvements to network SD-WAN profile support
- Performance improvements in remote access to single and multiple box selections
- Improvements to monitoring and configuration interface for SOC engineers

Network Box HIGHLIGHTS



Network Box Taiwan CYBERSEC 2022

Network Box Taiwan was at the **CYBERSEC EXPO 2022**, which took place at the Taipei Nangang Exhibition Center.

As one of the largest cybersecurity conferences in Asia, gathering over 250 cybersecurity brands, CYBERSEC 2022 provides a professional, engaging, and interactive platform to introduce cutting-edge cybersecurity solutions.



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Global Security Headlines



Forbes

Cisco Hacked: Ransomware Gang Claims It Has 2.8GB Of Data

LINK: <https://bit.ly/3BbOkTA>



The Hacker News

Hackers Exploited Zero-Day RCE Vulnerability in Sophos Firewall

LINK: <https://bit.ly/3y9WUQQ>



Bleeping Computer

New malware backdoors VMware ESXi servers to hijack virtual machines

LINK: <https://bit.ly/3r1sc3D>



SC Magazine

Vulnerability allows access to credentials in Microsoft Teams

LINK: <https://bit.ly/3rmFMnl>



BBC

Uber investigating hack on its computer systems

LINK: <https://bbc.in/3CsdBty>



The Standard

Over 290,000 Hongkongers affected by cyberattack targeting eight Shangri-la hotels

LINK: <https://bit.ly/3C41C6w>



The Register

Grand Theft Auto 6 maker confirms source code, vids stolen in cyber-heist

LINK: <https://bit.ly/3yaHrjt>